

FRESHMAN EDITION

TOIKE



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TOIKE, OIKE, TOIKE OIKE, OLLUM TE CHOLLUM TE CHAY,
SCHOOL OF SCIENCE, SCHOOL OF SCIENCE, HURRAY, HURRAY, HURRAY.

Vol. XXI

MONDAY, SEPTEMBER 23, 1929

No. 1

**THE DEAN'S MESSAGE
To the Students in Applied
Science**

We welcome you all back for another year at this great University. The Faculty of Applied Science and Engineering is just what you make it, in ability, genius and diligence. Be sure that this year you keep up the high standard of your predecessors; it is a standard worth living up to.

THE FIRST YEAR: We welcome you to your new home. Be proud of your Faculty, of your University and your work. The eyes of your classmates and of the other years are upon you. Make good! If you are to do this, start hard to work as soon as you arrive and keep diligently at it through the Autumn.

THE SECOND YEAR: You enter now an intensive, difficult year. Do not fail to keep up your good record of last year. The work of the second year means much in preparation for later years. Carry yourselves with care and with a due sense of proportion between academic work and other activities.

THE THIRD YEAR: You have now passed through two vacations with special knowledge gained in your profession. You enter a year in which the scientific principles you learned in your first two years are applied. Be sure you apply them with skill. Take pains to do your work well.

THE FOURTH YEAR: All the Faculty and the University look to you for leadership in work and in the high ideals of the University and your profession. Your responsibility is great. Remember that Canada awaits your arrival in the professional life and when you go out you will carry the brilliant banner of this famous University.

With best wishes to you all for a happy, successful year.

C. H. Mitchell,
DEAN.

September 18, 1929.

THE PRESIDENT'S MESSAGE

Freshmen, on behalf of the Engineering Society, I welcome you to School. It is yours to enjoy and work for, and only in working for School will you come to realize in full the pleasure and satisfaction that it affords. In short, you will get out of the next four years—exactly what you put into them.

Firstly, a freshman must realize that he is a freshman, and not the little tin god he was last year at Punkin Centre High or St. Gummies' boarding school for boys. We have a class of men around here that came down last year, commonly known as Sophomores, and gentlemen, should you ever forget that you are freshmen, these lads are only too willing to restore you to your rightful position.

In being freshmen of this Faculty you must shoulder great responsibility, and do your level best to uphold the time-honoured customs and prestige that have existed around the Little Red School for over one half a century.

The principal duty of a freshman is his so-called fatigue duty that will be explained in detail elsewhere. Above all, gentlemen, look on this as an opportunity to see how the Upper Classmen are managing the executive end of things and in that way prepare yourselves for heavier responsibility that needs must fall on your shoulders in the years to come of University life.

A president of this Society once said that advice was quite similar to Castor Oil, in that it was comparatively simple to administer, but rather difficult to take. You will receive a great deal of this, gentlemen, and there isn't even a war tax on it. You will just have to weigh it all, and take what you think is best—personally, I have none to offer.

Lastly, gentlemen, you have shown a very keen sense of judgment in choosing this great profession. Now it is up to you to get in and work and prove to us and to everyone around here that you didn't just chance to fall into this great faculty.

We are expecting great things from 3T3.

G. H. McVean.

RULES FOR FRESHMEN

The following rules have been drawn up and approved and will be observed by all Freshmen during the time stated.

The first group of Rules will be enforced during the whole of the School year.

1. The first year will supply all fatigue parties required by the Engineering Society Executive. These parties will be detailed by the first year executive.

2. The first year will provide one man daily, to report to the President of the Engineering Society for whatever services may be required. (Members of the first year Executive and Engineering Society Committees are exempt.)

3. The east door of the engineering building shall not be used by any Freshman.

4. Freshmen must not wear SPATS or DERBIES.

The following Rules must be observed up to the time of the School initiation:

1. All Freshmen will wear a green tie of the style approved and supplied by the Supply Department of the Engineering Society.

2. All Freshmen will enter the School buildings by the basement doors only.

3. Freshmen will remove their hats in all School buildings.

There will be no hazing. The initiation is arranged by representatives of the first and second years, and you will be notified of the time and place.

PERSONAL

The Faculty and students suffered a loss this summer when Professor J. H. Parkin left us to take over the post of Chief of the Aeronautical Research Lab. at Ottawa. Although we are sorry to hear of Professor Parkin's departure, nevertheless we wish him all good fortune in his new position.

The Toike Oike

Devoted to the interests of the Under-graduates of the Faculty of Applied Science.

Published Every Now and Then by the Engineering Society of the University of Toronto.

ENG. SOCIETY OFFICERS

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WORDS OF WISDOM FOR THE FRESHMAN

The Responsibility of Freedom

You, as a freshman, are entering upon a new phase of experience—the University life. Gone are the days of collegiate restriction and supervision when homework was applied so vigorously and punishment meted out when it was left undone. Success on your part was often due to the painstaking efforts of your teachers; but at college all is different. The responsibility that was your teachers' in high school has been shifted to your own shoulders when you enter your University career. Whether your work is done or undone rests with you. So, if you wish a successful year, come prepared to make yourself work, for the professors will lead you to knowledge, but it is up to you to drink.

Much of the real value and profit that is to be obtained from a University course depends upon the balanced choice of the activities which such a course offers. The academic tuition that is to train you for your future life work is not all that college implies. Here you are given opportunity to develop all your faculties and talents. You are given a chance to excel in any form of sport in which you are interested. If you are musically inclined, concerts are given by the best talent in the city, or, if you wish to play yourself, there is a club that will

welcome you. Mere mention of the camera club, the sketch room and the debating clubs shows the variety of activities that are yours to enjoy. Social functions of your Faculty and of the University will bring you into touch with your fellow-students and the distinction of these affairs will add a charm and pleasantness to your life in college that will remain a sweet remembrance long after you have left the portals of dear old Varsity. You are now entering these portals, and although you cannot participate in all the University activities, they are here for your benefit, so choose, and above all, choose wisely.

Drafting Supplies

The following list of supplies can be purchased at the Supply Dept. at prices considerably lower than elsewhere, since it is run by the Society of which you are now a member, purely for the benefit of the students of the School:

- 1 Drawing Board.
- 1 T-square.
- 1 set square, 45°, 10-in.
- 1 set square, 60°, 14-in.
- 1 set square, 60°, 4-in.
- 1 dozen thumb tacks.
- 1 Fractional scale.
- 1 Decimal scale.
- 1 2H pencil.
- 1 3H pencil.
- 1 5H pencil.
- 1 Cleaning rubber (art gum).
- 1 Soft rubber pencil.
- 1 Ink rubber.
- 1 Bottle drawing ink (black).
- 1 Bottle drawing ink (red).
- 1 Bottle drawing ink (blue).
- 1 Set drawing instruments.
- 4 Sheets drawing paper.
- 1 Portfolio.

The above list is solely to guide you in the first purchases you will require practically at once. Other things, such as note books, text books, etc., you will also require. The Supply Dept. carries a large stock of note books, re-fills, printed notes, pencils and so on, but your text books you can get from the Students' Book Department, in behind the Physics Building, at reduced rates. The S.C.A. in Hart House has a book exchange, where second-hand books may be obtained at a very reasonable price. However, do not buy your books until each lecturer has told you what you will require. Now to give you a little information about the Supply Department.

The Supply Department

In Room 19 of the Old School Building you will find as you enter the room a large table with a chair or so behind it, but do not let the chair

bother you. Sit right down on the table, if you can find room, and gaze about you. In front of you, you will see a counter and a show case or two. In behind that you will see one or more of the Society Executive whom we had the honour of electing last spring. Don't let them frighten you. They are not as fierce as they look, and are really quite obliging fellows. This room is the Supply Department. This is simply a part of the Society, and is run so that each member can get what he requires without dashing away down town, and also at a lower price than at other places, which is quite logical, since supplies are purchased in large quantities and sold at just enough over cost to pay for the running expenses of the place. You won't find everything sold here, of course, but practically anything you require in your work you will find. Depreciation in value, loss in breakage and so on, is quite a large factor in carrying a stock of this sort, and must be given consideration in setting the price of an article. Just remember that those running this department are students like yourself, and in doing this work are imperilling their academic standing, and their only compensation is the feeling of work well done.

And by the way, fellows, the young lady's name is Miss Bradshaw.

SCHOOL TRADITIONS

Just how many of you Freshmen are acquainted with School traditions we do not know. Nor can we wait to find out. Time is too valuable. It is to you that we look for the future guidance and standing of School, therefore we must begin at once to guide and advise so that the work of those who have been before you will not end in failure. It is a grave responsibility you must assume, and therefore you must begin at once to work for that end and to continue to do so as long as you are at School and for the rest of your lives after that.

School has always been proud of the fact that at any University gathering, her representation has always been worthy of her, whether the part taken was an active or passive one. At all University games, the School yell equalled, if not surpassed, in volume the yells of other faculties. In athletics, School has always played a leading role, and in social affairs the originality of School in thought and enterprise has been unquestioned. Remember, this is not just talk. You can easily prove it for yourselves.

It is therefore your turn now to step in and do your share. You are receiving something from School. School expects something from you. There are activities enough in School to cover any possible individual need outside of athletics altogether, and in athletics, if you are not an athlete, get out when your team is out, and give them the encouragement of your voice and presence. Unless you are an athlete you may not realize just how that does buck up a team. Another thing, always give first place on your engagement list to your School and Class affairs.

Above everything else we ask you to keep the name of "Schoolman" unsullied and above reproach in this University and elsewhere. If there is the slightest spark of manhood in you no further word of ours is necessary.

THINGS TO THINK ABOUT Your Initiation

You are no doubt wondering just what your initiation will be like. It is quite safe to say that everyone on entering School spends a considerable portion of his time doing that very thing. While it is quite impossible to tell you what form it will take, you can rest assured that there will be no hazing. There has been too much criticism of initiations in general, to permit of any unsanctioned stunts.

Your University

Do not forget that while you are a Schoolman you are also a "Varsity" man. Keep up your Faculty spirit by all means, but do the same by your University. She is second to none, and remember this, that people who do not know your University judge it by your actions. THEY EXPECT A UNIVERSITY MAN TO BE A GENTLEMAN AND A SPORTSMAN AT ALL TIMES. Never forget that. If you are not, you disgrace your University, yourself, and every other Varsity man or girl. One thing more, whenever you hear any adverse criticism of your University, you can be quite positive that its cause lies in the words or actions of some one who should never have been permitted to enter it.

On the front page of this paper you will find the School yell. It's yours, so learn it. The following is your University yell—learn it:

Toronto, Toronto, Toronto Varsity.
We'll shout and fight for the blue
and white,

And the honour of U. of T.

A rippartee, a rippartee,

A rippartee, rippartee, ree,

Toronto, Toronto, Toronto Varsity.

Hart House

There is so much to say about Hart House that this will have to be a mere sketch. It is the Club of the male undergraduates of the University of Toronto. It is Governed by the Board of Stewards, which Board is composed of the Warden, J. B. Bickersteth, and representatives of the Faculty, the President of the University, the Athletic Association, and the Undergraduate Secretaries of the various standing Committees, such as House, Hall, Library, Billiard, and Sketch. Any member of the House is eligible for election to one of the Committees.

There are no rules in Hart House. They have never been necessary. It is not, however, customary to smoke in the Great Hall, or to wear one's hat in the House except in the corridors. It is really a gentlemen's Club, and the members fall under that classification, hence they behave themselves in the House, and the necessity for rules has never arisen.

The House is yours, use it as you would your Club, or Home. It takes a great deal of work to run the place, and if you are interested in the House or any of its manifold activities, get into touch with a member of one of the Committees and he will tell you all you want to know. The first thing to do in the House is to go to the Tablet by the South-East Door, and read the Founder's Prayer. Read it twice and then think about it. Then go to work and help make the Prayer come true.

THE ENGINEERING SOCIETY

The University of Toronto Engineering Society is the Association of all the undergraduates of this faculty. The annual membership fee of \$2.00 is collected from every student on registering. It is, therefore, your own society. It was founded in 1885, being known at that time as the Engineering Society of the School of Practical Science. The first president was the Principal of the School, Professor Galbraith. In its fourth year the president was chosen from among the students, and from that time the chief officer has been chosen from the senior year. At first membership was optional, but later was made compulsory for all students in attendance at the School.

At the present time the Society is divided into four years or classes, each of which is represented on the executive by the year president. It is further divided into six clubs, viz., The Civil Club, The Mining and Metallurgy

Club, The Electrical Club, The Mechanical Club, The Chemical Club, The Architectural Club. Each Club has a chairman, who is on the executive, and to assist him, a member of his Club from each year. Meetings are held by the Society and by each Club at regular intervals.

Each spring during the first week in March the annual elections are held, during which the following officers are elected for the Society: President, 1st and 2nd Vice-Presidents, Treasurer, Secretary. The incoming first year elect their officers as soon as possible after the opening of the session.

The Society controls all general undergraduate activities in the School except athletics, with which, however, it works in harmony. The Society runs the Supply Dept. for the convenience of the students, and any profits that may accrue go to the Society to give them sufficient financial backing to make the annual School Dinner and Dance the two leading functions of their kind in the University.

One thing more, the Society prints little booklets of the Constitution. You can get one gratis by asking for it at the Supply Department.

ANNOUNCEMENTS

At the urgent request of Miss Bir-kett, who presides over the outer sanctum of the Dean's and Secretary's offices in the Mining Building, we wish to emphasize the following:

Every student is requested to read at least the first forty-two pages of the Faculty Calendar, copies of which may be obtained at the Registrar's office in Simcoe Hall or the Secretary's office in the Mining Building. FRESHMEN especially should note this.

Freshmen registered in Departments 2, 3, or 7, may obtain credit for Shop Work done before coming to School, if they will have certificates made out respecting same. These forms are obtainable at the Secretary's office. Men in other years should hand in certificates regarding summer work as soon as possible.

Supplemental examination results do not appear in the morning papers, as is the case with the April Examination results, but are posted on the notice board in the Mining Building. The Faculty Office has no definite information to give out, but it is hoped that the results may be ready before the end of October. Watch the notice board, and pray.

Provisional timetables are posted on the bulletin boards in the Mining Building. These are not available for distribution, but the final schedule of

lectures will be ready in November sometime.

OBITUARY

It is with deep regret that we learn of the death of Professor Peter Gillespie, head of the department of Civil Engineering: Municipal and Structural. Professor Gillespie passed away suddenly at his home in Toronto on the 26th of May. The sincere sympathy of School is extended to his family and relatives.

School wishes to take this opportunity to express to Professor Crerar and his family their deep regret at the death of Mrs. Crerar, in the early part of July.

VARSITY

The students of the University edit a newspaper for the undergraduates. You will find your copy at the Supply Department. You have already paid for it, so take a copy off the pile. If you have reportorial inclinations, make haste to speak to Keith Rapsey, 4th year, who will give you any information you desire.

DIRECTORY

Every year, a directory of Staff and Students is published, giving addresses and telephone numbers. This is a most useful book, and its compilation involves a great deal of hard work. As soon as possible after registration is complete, a typewritten list of students' names and addresses is posted on the bulletin board in the Mining Building, and you are earnestly requested to check your own name, address, and phone number, and in case of change or addition, to notify the Faculty Office immediately. Let's make the Applied Science part of the directory complete.

FACULTY OFFICE

The Faculty Office is located in the east end of the Mining Building, on the main floor. Everyone in the office is willing and anxious to help you solve your difficulties. Be sure to pay them a visit if and when you need assistance. Even if not in need of anything, you are invited to drop in some time and see what the place looks like.

RUGBY-TRACK-SOCCER

WANTED—Players and managers for these teams.

WATCH THE NOTICE BOARDS FOR ANNOUNCEMENTS

THE PSALM OF LIFE

1—
Stand up, stand up for the Science Faculty,
With Arts and Meds they form a trinity.

Chorus:
Then shout ye chaps for the S.P.S.
Whose motto is meekness and peacefulness.

2—
The first year man when he comes to school,
Looks with awe on a two-foot rule.

3—
The second year man has learned about the tap;
He sizes up the frosh with an eye for a scrap.

4—
The third year man'd rather fall down a mine,
Than dive to the depths of construction design.

5—
The fourth year man comes back to have his fling,
He bums around the lab and he doesn't do a thing.

6—
The Science Faculty is the best Faculty
That ever came over to old Varsity;

7—
Now we hope this song has touched your hearts,
And you won't consign us to warmer parts,

8—
For we've shouted this song for the S.P.S.,
Whose motto is meekness and peacefulness.

Amen.

BYE-ELECTIONS

Examinations caused considerable decimation of the ranks of elected office-holders. It will be necessary to hold bye-elections for the following positions:

President of the Engineering Society
Treas. of the Engineering Society
Chairman of the Chemical Club
Treasurer of 3T1.

The first three must be chosen from the present fourth year, and the latter from the third year. Be ready with your nominations when the call is issued for them, and watch the bulletin boards for notice of this event.

ENGINEERS

Tune: "Mademoiselle of Armentieres"

Levels, transits, tapes and chains;
Engineers.

Dynamos, bridges, turbines, cranes;
Engineers.

Who was it that drained the flood
And dammed the Nile to save the mud?

Engineers of S.P.S.

Who built the walls that balk the sea?
Engineers.

Who drink their fill of T.N.T?
Engineers.

Who pulled Jonah out of the whale
And built the Ark for Noah to sail?
Engineers of S.P.S.

Who really love the girls the most?
Engineers.

Men who do and never boast;
Engineers.

Who was it put the heat in Hell
And slammed the door and rang the bell?
Engineers of S.P.S.

Who take the bumps of life with calm?
Engineers.

Who do not curse, but sing a psalm?
Engineers.

Who trudge along in slush and dirt,
And work till they can wring their shirt?
Engineers of S.P.S.

Who'll go to Heaven when they die?
Engineers.

Grow little wings and learn to fly,
Engineers.

And who will guard the Golden Gate,
And swear at those who come in late?
Engineers of S.P.S.

DON'T'S FOR FRESHMEN

Don't give your Faculty yell at a University gathering. The Varsity yell takes precedence in such a case.

Don't think you are still important because you were so at your prep. school. Everyone starts at the bottom here.

Don't forget that School expects you to do your bit in keeping her to the fore.

Don't expect School to make an engineer of you. She only gives you the foundation.

Don't try to evade your duties as a Freshman. You will only make it harder for yourself.

Don't forget that it takes a good man to be a good winner, but it takes a damn sight better man to be a good loser.